

## CHAPTER 3

### CAREER AREAS (TERMS AND DEFINITIONS)

#### I. THE GENERAL INTELLIGENCE CAREER AREA

The Intelligence Career Area embraces all those nonscientific, general intelligence positions in the 0132 series, which involve the activities of collection, processing, evaluation, analysis, integration, production, interpretation, dissemination, and management of information and resources. These activities concern one or more aspects of foreign nations or areas of operations and are immediately or potentially significant to military planning and operations. The Intelligence Career Area may include among others the following career fields:

- A. The Intelligence Management Career Field includes those general intelligence positions involved in the management of intelligence programs and resources.
- B. The Military Capabilities and Estimates Career Field includes general intelligence positions involved in the production of intelligence on military ground, naval, air and paramilitary forces, the assessment of capabilities and vulnerabilities of military forces, and the development and production of intelligence estimates concerning foreign force structures, weapons systems, and overall military capabilities, strategy, and defense policies.
- C. The Strategic Mobility Career Field includes general intelligence positions involved in the production of intelligence on transportation systems and individual system elements, including railways, highways, inland waterways, airfield, civil air facilities, merchant marine, and ports, and the assessment of capacities, vulnerability, and constraints on the military use of transportation systems and lines of communication (LOC) facilities.
- D. The Military Geography Career Field includes general intelligence positions involved in the development and maintenance of a military intelligence data base and production of finished intelligence on physical and cultural geography, coasts and landing beaches, petroleum, oil, lubricants (POL), natural-gas and electric power facilities and fixed civil and military telecommunications; the assessment of significance of terrain, urban areas, and coasts and landing beaches with respect to military operations, and the assessment of the operational capacity, relative importance and vulnerability of POL, electric power, and telecommunications installations and facilities.
- E. The Collection Career Field includes those general intelligence positions involved in the management, operations, and coordination of intelligence collection and surveillance activities and the processing and initial exploitation of derived data.
- F. The Imagery Interpretation Career Field includes those general intelligence positions involved in the interpretation and analysis of multisensory imagery.
- G. The Production Support and Resources Career Field includes those general intelligence positions involved in the development and maintenance of the intelligence data base and the production of intelligence, in the areas of medicine, meteorology, military economics, civil defense, escape and evasion, demography, and ground, naval, and aerospace material production as well as plants and shipyards engaged in such production, repair, or maintenance.

#### 11.. THE SCIENTIFIC AND TECHNICAL (S&T) INTELLIGENCE CAREER AREA

The Scientific and Technical (S&T) Intelligence Career Area includes those positions engaged in targeting and/or the engineering, physical, or technical sciences in an intelligence function, which are assigned to an organizational component performing an intelligence function. The main functions of these activities are to manage DoD

S&T intelligence collection requirements and production programs, to evaluate S&T intelligence data, to produce S&T intelligence, and to evaluate S&T intelligence studies in support of weapons systems development and force determination. The S&T career area may include among others the following career fields:

- A. The Biological Science Career Field includes those positions in an intelligence function involved in scientific and professional work dealing with living organisms and vital processes and their characteristics, plant or animal, and the analysis of the effects of biological processes on various areas of the environment.
- B. The Engineering Career Field includes those positions in an intelligence function engaged in professional and scientific work of a special or miscellaneous character in any engineering area involving application of a knowledge of engineering fundamentals or professional work involving several branches of engineering.
- C. The Physical Science Career Field includes those positions in an intelligence function involved in professional and scientific work in physical science and related science and technology. These include the areas concerned with matter, energy, physical space, time nature of physical measurement, fundamental structural particles, and the nature of the physical environment.
- D. The Mathematics Career Field includes those positions in an intelligence function engaged in professional work involving research on basic mathematical principles, methods, procedures, techniques, or relationships, and the development of mathematical methods in the solution of scientific, engineering, economic, and military-related problems. Also, work involving the translation of mathematical formulations to computer languages as an adjunct to the mathematical analysis in the resolution of problems.
- E. **Representative** List of S&T Intelligence Occupational Series: .

JOB SERIES	TITLE	JOB SERIES	TITLE
401	General Biological Science	896	Industrial Engineering
403	Microbiology	1301	General Physical Science
602	Medical Officer	1310	Physics
801	General Engineering	1313	Geophysics
806	Materials Engineering	1320	Chemistry
808	Architecture	1321	Metallurgy
810	Civil Engineering	1340	Meteorology
830	Mechanical Engineering	1360	Oceanography
840	Nuclear Engineering	1370	Cartographer
850	Electrical Engineering	1515	Operations Research
855	Electronic Engineering	1520	Mathematics
861	Aerospace Engineering	1529	Mathematical Statistician
893	Chemical Engineering		

## HI. THE INTELLIGENCE RELATED CAREER AREA

The Intelligence Related Career Area includes all those positions which meet the criteria established in the Scope statement, chapter 1, paragraph V.C. of this manual. The following is a **representative** list of intelligence related occupational series:

JOB SERIES	TITLE	JOB SERIES	TITLE
080	Security	1045	Translator
110	Economics	1060	Photographer
132	Intelligence (Cryptologic)	1082	Writing & Editing

JOB SERIES	TITLE	JOB SERIES	TITLE
301	General Administration	1083	Technical Writing and Editing
334	Computer Specialist	1084	Visual Information Specialist
340	Program Management	1386	Photographic Technology
343	Management Analysis	1410	Librarian
345	Program Analysis	1412	Technical Information
800	Engineering (Cryptologic)	1670	Equipment Specialist
1001	General Arts and Information	1710	Education & Vocational Training
1020	Illustrator	1712	Instructor